



Technical Exam (Front End Aspect)

Legalmatch Developer Onboarding

2023 Series

ISSUED BY
LEGALMATCH INC.

REPRESENTATIVE
Engineering Practice Leads



Part I - PSD to Web Page Exam

(Base Variant)

Duration: 8 Hours

General Requirements:

Two (2) file folders are provided for this coding exam.

1. The “development” folder: contains the PSD file, and font if needed
2. The “preview” folder: contains the mockups for the template and the elements

Your task is to create an html file using the available resources given in the PSD file. Your code should make use of the latest available coding techniques and technologies that you are capable of applying.

We would expect you will be using HTML, CSS and Javascript for this template. You may use any library you want to utilize but you may not use any of the Javascript functionalities of such libraries. e.g. bootstrap contains a modal component, you may use bootstrap's HTML and CSS helpers but you must create your own implementation of its behavior in plain Javascript (no jquery).

Please note that FUNCTIONALITY carries 45% of the criteria listed below! so kindly take this into consideration.

Make sure that the output files are all static (.html, .css and .js files) and must not be server-side dependent (not php or any other server-side language).

You may use preprocessors (optional) that compiles your source code into .html (e.g. pug, jade, haml), .css (sass, scss, less, stylus), and .js (browserify, coffee, babel and on).

The test should not exceed 8 hours. If incase you won't be able to finish the task in 8 hours time, please submit whatever output you have.

For the test, create a repository in GitHub, Gitlab or Bitbucket for progress update and monitoring. Create your account if you don't have one yet. You will need to provide us the URL so we could clone your repository for review.

Functionalities:

1. For the input field, provide a dummy data so we can test it using 00000 zipcode as seen on preview/screen1-1.png.
2. Modal shown on screen3.png will appear upon selecting a category shown on screen2.png (use the same dummy data for all categories)
3. Nothing will happen when clicking on "Find a Lawyer Now"
4. Clicking on "Read Review" will show a modal. Screen4.png
5. When clicking on "click here" on "Can't find a category?" the other categories modal will show. screen5.png

Additional Intructionss:

1. Base Template should be completed within 8hrs.
2. Follow the exact fonts and colors used in the mockup.
3. All elements, modals, links should be functional and contains dummy data, if provided in the preview, please use it. Otherwise please make up something for it.
4. You will be responsible for extracting the graphics or assets needed for your template from the PSD.

Optional Tasks:

(Additional points will be considered if this is included)

1. Template should be responsive and viewable in Tablet and Desktop.
2. No Mobile view for now. If you want to apply a mobile view for it please do so if you have time.


Criteria for evaluating your output:

Quality of the source code over the time it took to finish the exam		10%
README		5%
Element Positioning		10%
Styling:		10%
Markup		10%
Elegance/Maintanability of the JS Code		10%
Functionality		45%
Screen 1-1	9%	
Screen 2	9%	
Screen 3	9%	
Screen 4	9%	
Screen 5	9%	

“Development” Folder Contents

<not shown; refer to archive file>

“Preview” Folder Contents

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**Mitchell M.**
Cherry Hill, NJ


Family Law ★★★★★
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**Joel C.**
Little Rock, AK


Job & Employment Law ★★★★★
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**Brigida R.**
Dallas, TX

Family Law ★★★★★
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Clients review LegalMatch lawyers

**Mitchel M.**
Cherry Hill, NJ


Family Law ★★★★★
"This lawyer exceeded my expectations. I found Attorney Mullen to be very reliable, courteous, prompt..."
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**J.C.**
Little Rock, AR


Job & Employment Law ★★★★★
"He is the kind of lawyer who would sit down and explain things on how things works in legal matter but he is..."
[Read Review](#)


**Brigida R.**
Dallas, TX

Family Law ★★★★★
"My initial feeling after speaking to Brigida was of relief, because I knew she was going to be the right lawyer..."
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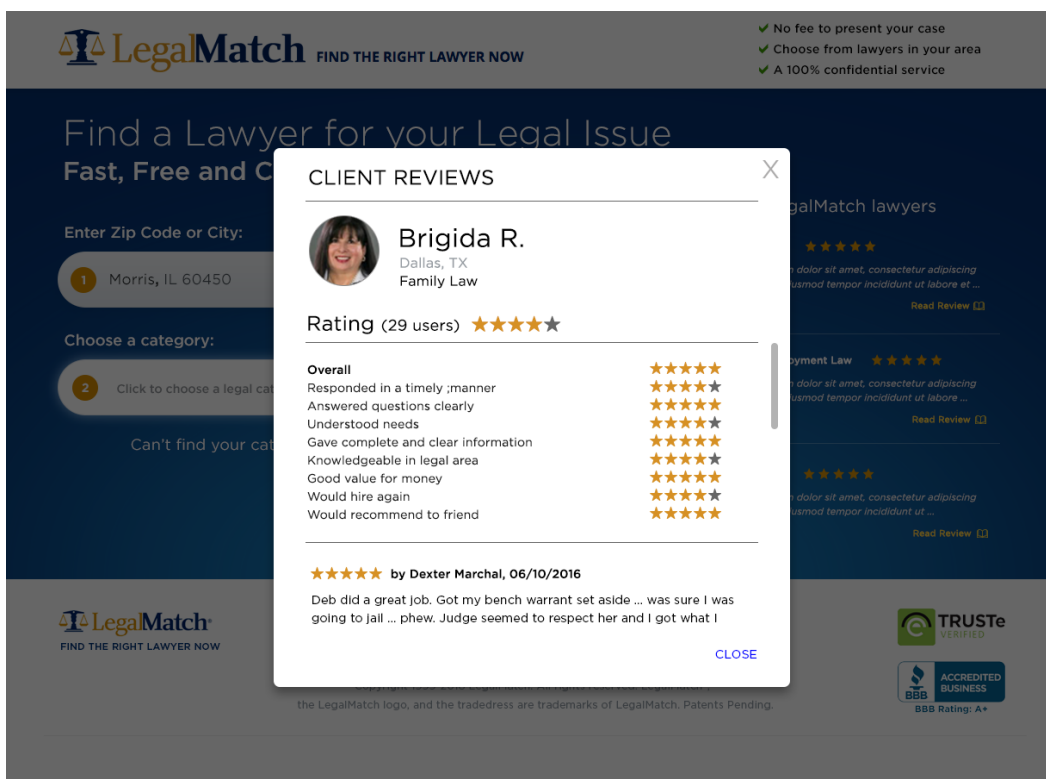
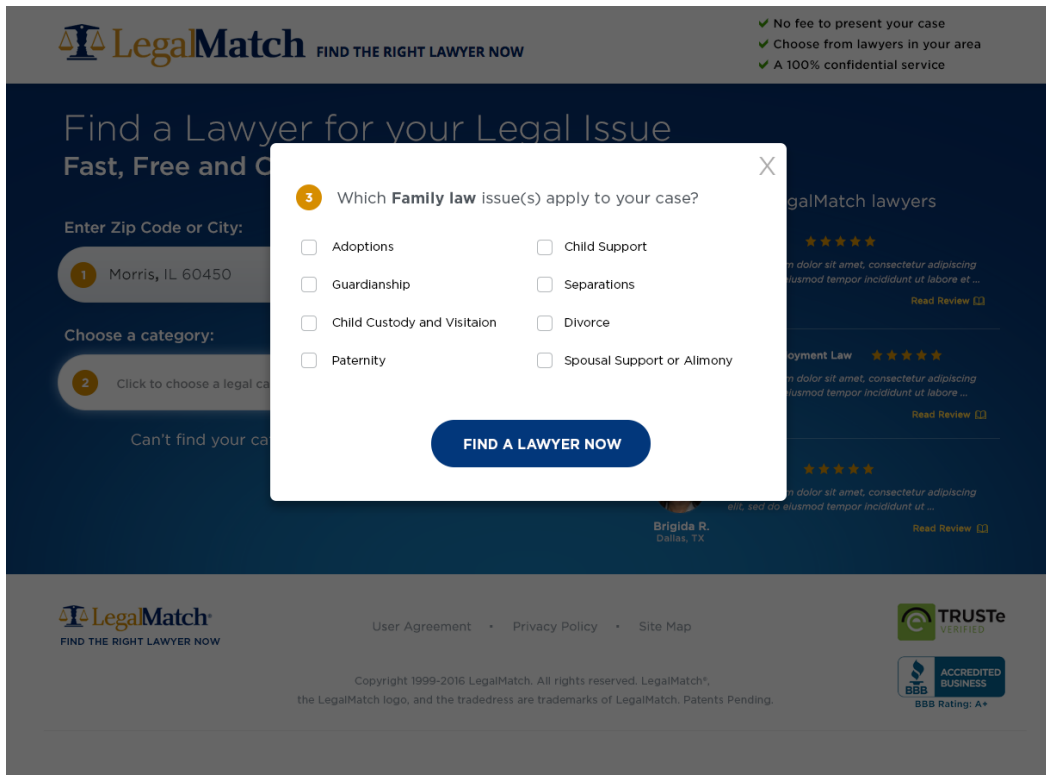
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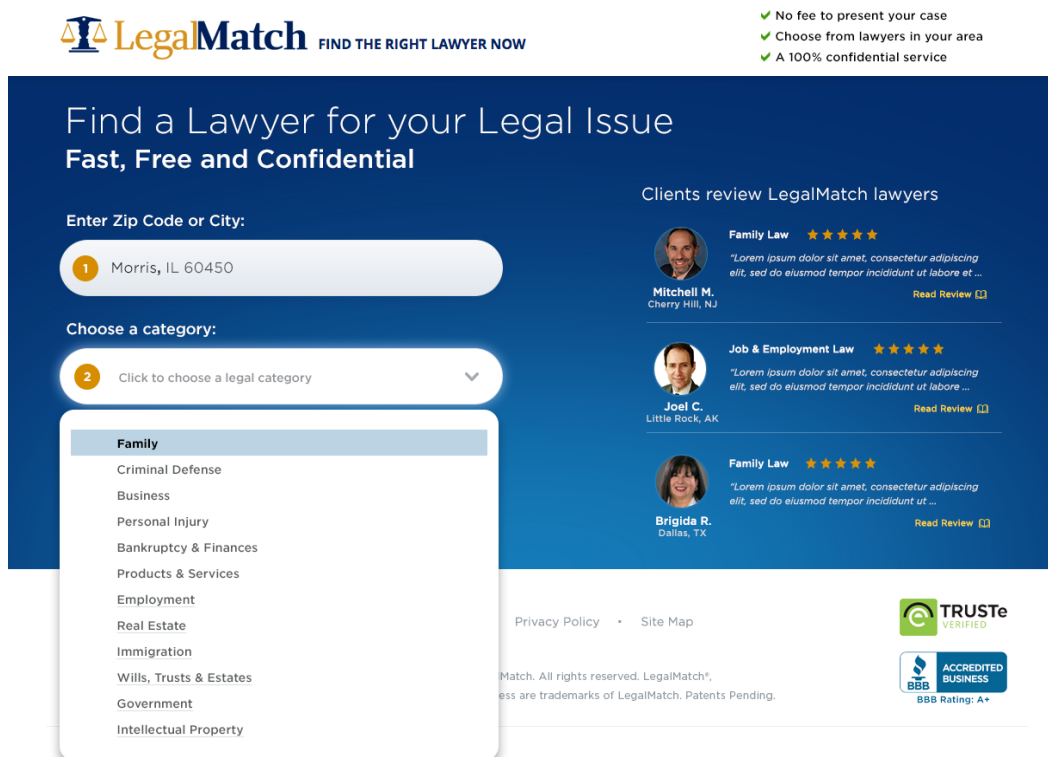
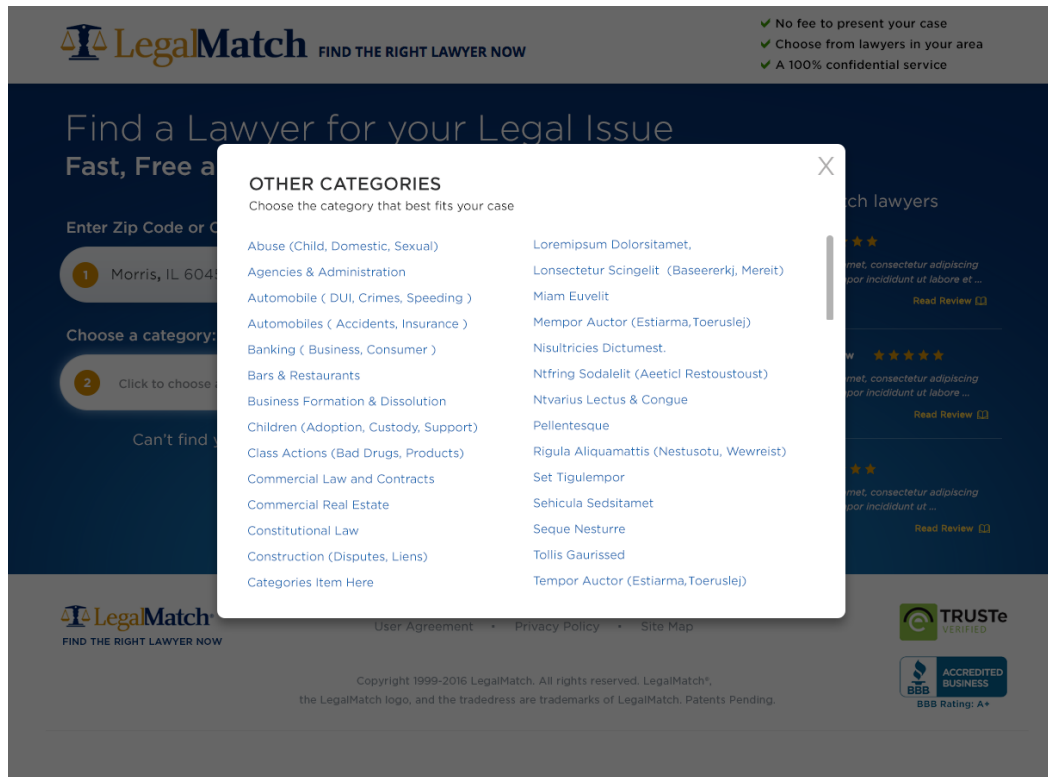
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Part II - Single Page Application (SPA) Exam (Base Variant)

Duration: 2 days

General Requirements:

Create an SPA frontend for CRUD (Create, Read, Update, and Delete) web application. The application allows a user to manage employees and their personal information, contact details, and addresses. It should have a login/logout mechanism that supports two types of users, admin and standard user. Admin users can add, edit and delete employees. Standard users can only search and view employee records.

Pretend there is another individual creating the Backend (uses GraphQL). Implement the SPA in such a way it would be easy to change the URLs, payload and response structure (example: in one method, file, etc). Make use of Svelte in creating the frontend.

SPA output should be responsive and viewable in Tablet, Desktop, at least one mobile view.

Use mock data. If it becomes absolutely necessary, create a backend with dummy data. The decision is up to you.

For this exam, there is no limit on what tech is to be used as long that the code output is something that can be transferable to Legalmatch (example: sites like WIX are not allowed if output is not downloadable and runnable on-premise or standalone without their service). Please discuss with examiner.

For the test, create a repository in GitHub, Gitlab or Bitbucket for progress update and monitoring. Create your account if you don't have one yet. You will need to provide us the URL so we could clone your repository for review.

Sample Screens for Guidance

Note: can be modified as long as the all the data are captured)

1. Employees Page

[Add]					
Name	Primary Address	Primary Contact Info	Age	# of Years in the Company	
John Doa	123 St., Address 1	123-4507	31	2y 5m	[Edit] [Delete]
John Doe	124 St., Address 1	123-4508	30	3y 8m	[Edit] [Delete]
John Doi	125 St., Address 1	123-4509	24	4y	[Edit] [Delete]
John Doo	126 St., Address 1	123-4510	26	5y 1m	[Edit] [Delete]
John Dou	127 St., Address 1	123-4511	35	6y	[Edit] [Delete]
[First][Prev][Next][Last]					

2. Employee Info Page

[Save] [Delete]			
First Name:	<input type="text"/>	Contact Info: [Add]	
Last Name:	<input type="text"/>	Value	Primary?
Middle Name:	<input type="text"/>	<input type="text"/>	[v] [x]
Birth Date:	<input type="text"/>	<input type="text"/>	[] [x]
Gender:	<input type="text"/>	<input type="text"/>	[] [x]
Marital Status:	<input type="text"/>	Address Info: [Add]	
Position:	<input type="text"/>	Address 1	Address 2 Primary?
Date Hired:	<input type="text"/>	<input type="text"/>	<input type="text"/> [v] [x]
		<input type="text"/>	<input type="text"/> [] [x]

Notes:

- For contact info and address info, only one row can be selected as primary.
- For view only users, this view can be re-used and have the textbox non-editable.

Criteria for evaluating your output:

Contents of README documentation		5%
Quality of the source code over the time it took to finish the exam		5%
Element Positioning,		5%
Styling		5%
Testability (mock data, etc)		5%
Functionality		40%
First Screen - Add Button	2%	
First Screen - Delete Button	2%	
First Screen - Edit Button	2%	
First Screen - First Button	2%	
First Screen - Prev Button	2%	
First Screen - Next Button	2%	
First Screen - Last Button	2%	
Second Screen - Save Button	12%	
Second Screen - Delete Button	2%	
Second Screen - Add Contact Button	2%	
Second Screen - Delete Contact Button	2%	
Second Screen - Primary Contact Checkbox	2%	
Second Screen - Add Address Button	2%	
Second Screen - Delete Address Button	2%	
Second Screen - Primary Address Checkbox	2%	

Elegance/maintanability of the code	20%
Unit Testing	15%

Bonus Criteria:

Dockerize or any containerize approach	15%
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